



150868798

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicant: Sugiura et al.

Serial No. 10/734,743

Filed: December 1, 2003

For: LIQUID CRYSTAL DISPLAY  
DEVICE AND METHOD OF  
MANUFACTURING  
THE SAME

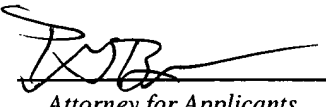
Art Unit: 2871

Examiner: Unassigned

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April 5, 2004

Date

  
Attorney for Applicants  
Registration No. 29,367INFORMATION DISCLOSURE STATEMENT

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Dear Sir:

This IDS is submitted under 37 C.F.R. § 1.97(b) within either of the following time periods, whichever occurs last:

- (a) within three months of either the filing date of the national application or the date of entry into the national stage; or
- (b) before the mailing date of first office action on the merits (i.e., not including actions such as restriction requirements).

Applicant(s) submit herewith Form PTO-1449 (Information Disclosure Citation) together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 C.F.R. § 1.56. Applicant(s) respectfully submit that the citation of any reference on Form PTO-1449 does not constitute an admission that the reference qualifies as prior art.

It is requested that the information disclosed on the enclosed Form PTO-1449 be made of record in this application.

The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§ 1.16-1.17, or to credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

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April 5, 2004

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Respectfully submitted,

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By: 

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U.S. Department of Commerce Patent and Trademark Office (Rev. 8-88)	Attorney Docket No.: 1508.68798	Serial No.: 10/734,743
	Applicant: Sugiura et al.	
	Filing Date: December 1, 2003	Group: 2871

INFORMATION DISCLOSURE CITATION  
(Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	4,701,028	Oct. 20, 1987	Clerc et al.			

## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	55-048733	April 8, 1980	Japan			Abs.	
	02-236523	Sept. 19, 1990	Japan			Abs.	
	06-167708	June 14, 1994	Japan			Abs.	
	09-292504	Nov. 11, 1997	Japan			Abs.	
	2002-221716	Aug. 9, 2002	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Y. Itoh, N. Kimura, S. Mizushima, Y. Ishii and M. Hijikigawa, <u>Improvement of the Display Performance of Highly-Reflective TFT-LCD (HR-TFT)</u> , AM-LCD 2000, pp 243-244 (2000).
	C.J. Wen, D.L.Ting, C.Y.Chen. L.S., Chuang and C.C. Chang, <u>P-1: Optical Properties of Reflective LCD with Diffusive Micro Slant Reflectors (DMSR)</u> , SID 00 Digest, pp 526-529 (2000).

Examiner

Date Considered

\*Examiner: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office				Attorney Docket No.: 1508.68798		Serial No.: 10/734,743	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				Applicant: Sugiura et al.			
				Filing Date: December 1, 2003		Group: 2871	

U.S. PATENT DOCUMENTS						
Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

FOREIGN PATENT DOCUMENTS								
		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
		2002-296585	Oct. 9, 2002	Japan			Abs.	
		09-127501	May 16, 1997	Japan			Abs.	
		57-102680	June 25, 1982	Japan			Abs.	
		11326615	Nov. 26, 1999	Japan			Abs.	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)	

Examiner	Date Considered
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